300mA CMOS

■

LN1132 CMOS

SOT-23-3 SOT89-3

■

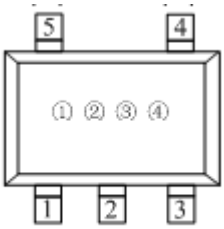
-
-
-
-
- AV
-
-

■

- 1.2 6.0V , 0.1 V
- 2.0%
- 180 mV (3.0V , I_{OUT}=100mA)
- 5.0μA
- 300mA V_{IN} V_{OUT}+1V
-
- 7V
-

■

- **SOT-89-3L,SOT-89-5L,SOT-23-3L/B,SOT23-5**



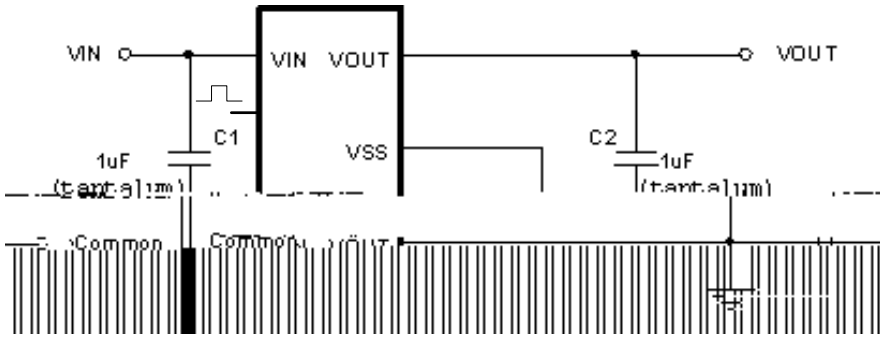
SOT-23-5

H	LN1132

V	0.1 3.0	3.1 6.0	6.1 9.0
	R	S	T

	V				V		
0	-	3.1	-	F	1.6	4.6	-
1	-	3.2	-	H	1.7	4.7	-
2	-	3.3	-	K	1.8	4.8	-

■



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(TA=25 unless otherwise noted)

$V_{CE} = V_{IN} = V$

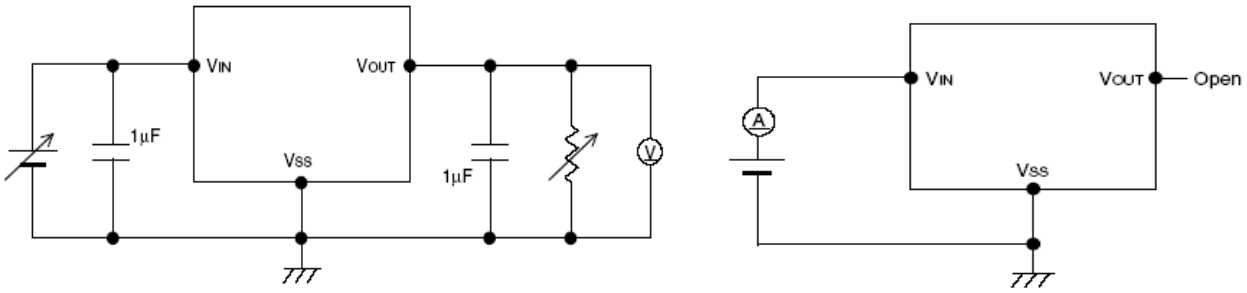
$V_{OUT(E)1}$

$\frac{V_{OUT}}{T_a}$ [mV/]* =$V_{OUT(S)}$(V)* $\frac{V_{OUT}}{T_a \quad V_{OUT}}$ [ppm/]* 1000

* . * . * .

*5.

■



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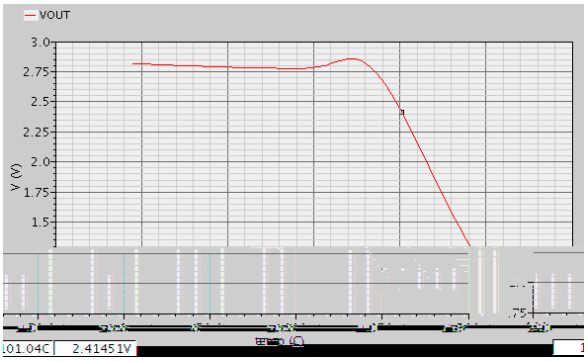

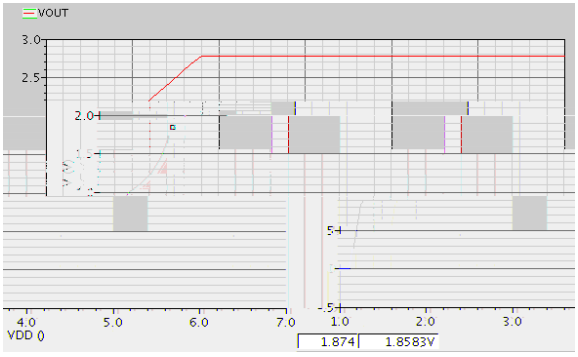

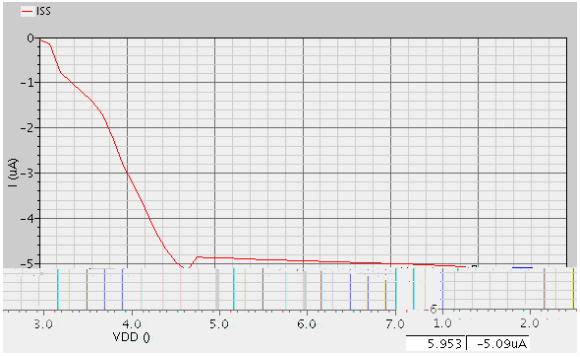

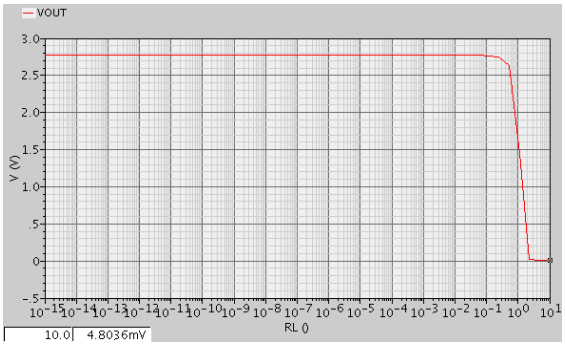

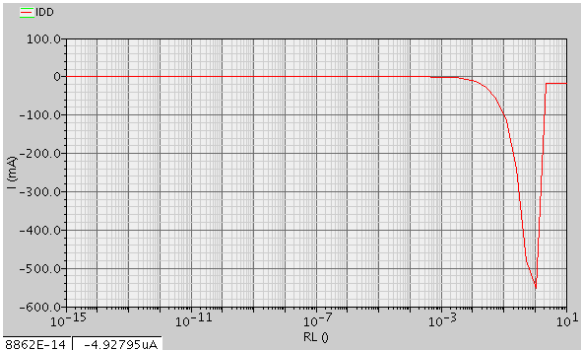

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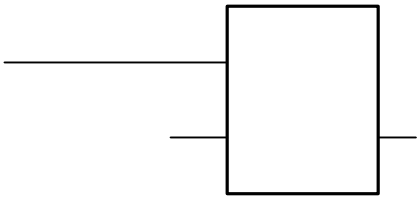

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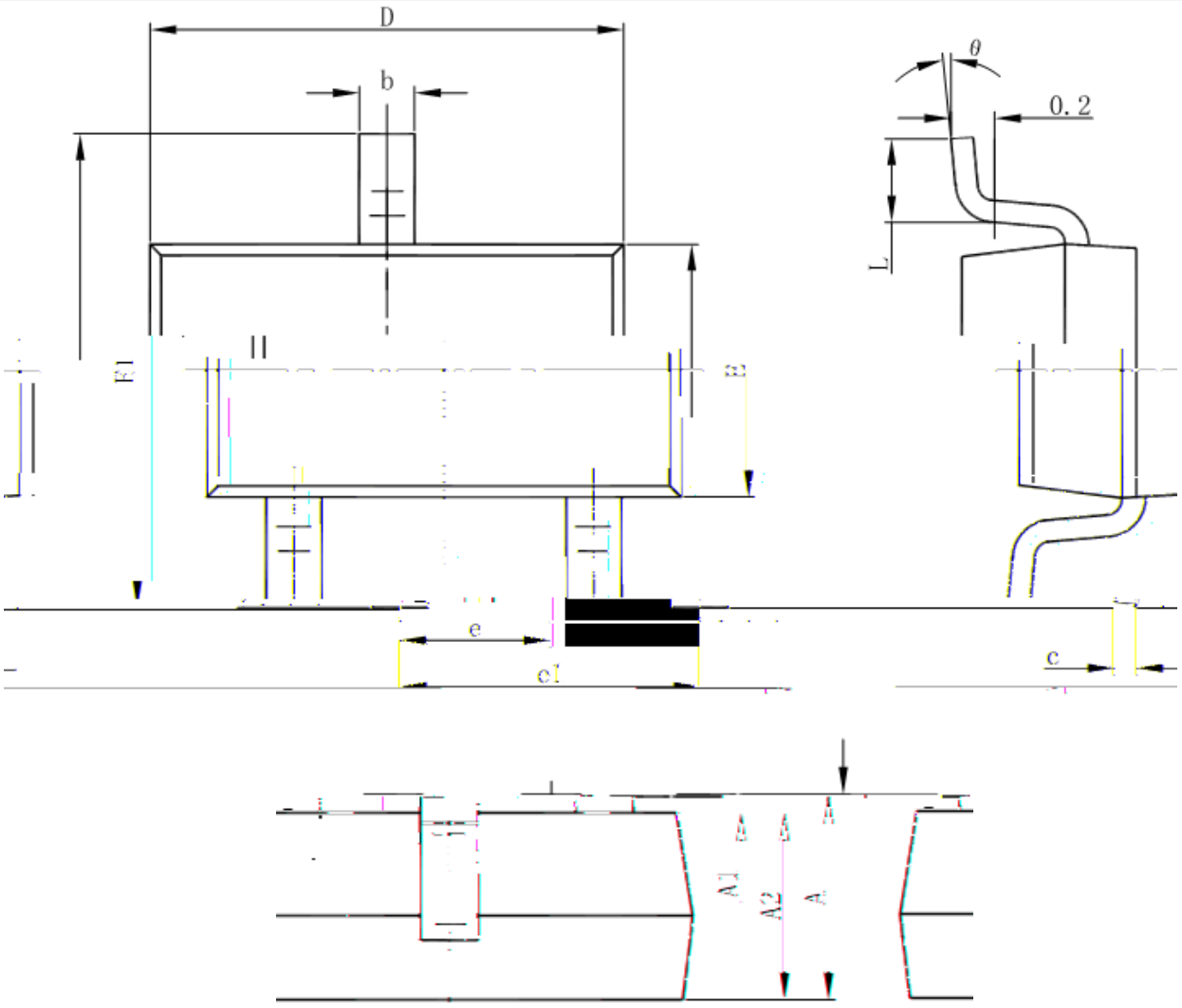
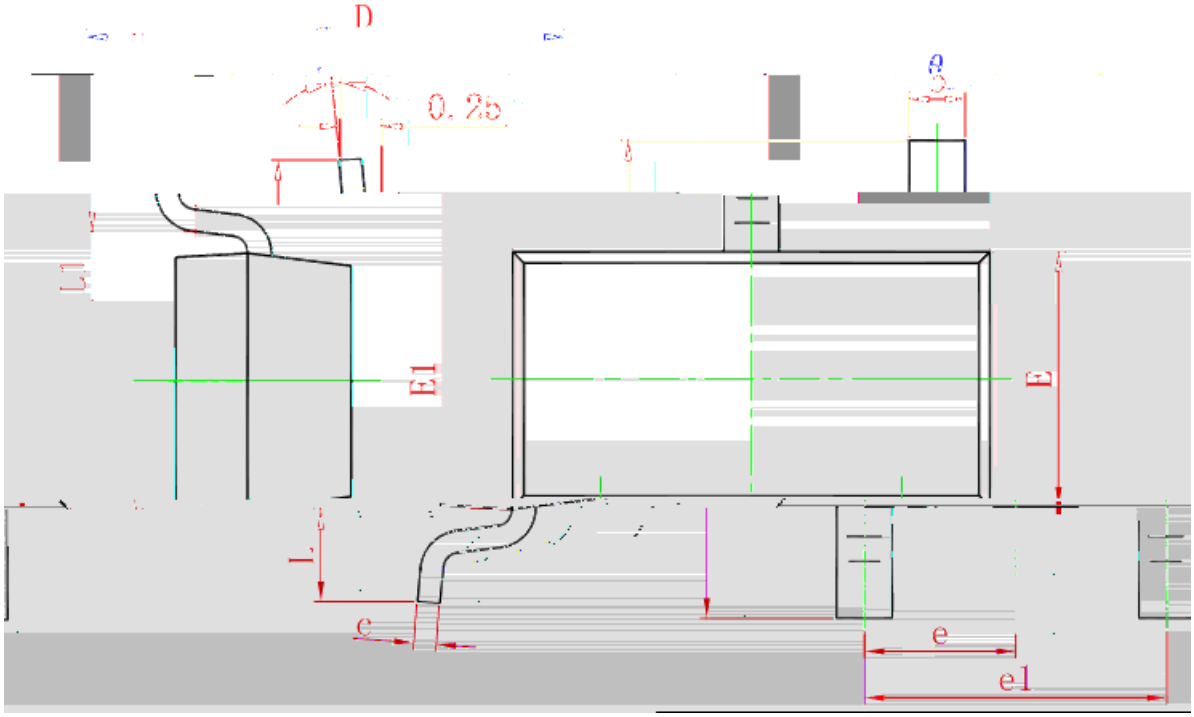
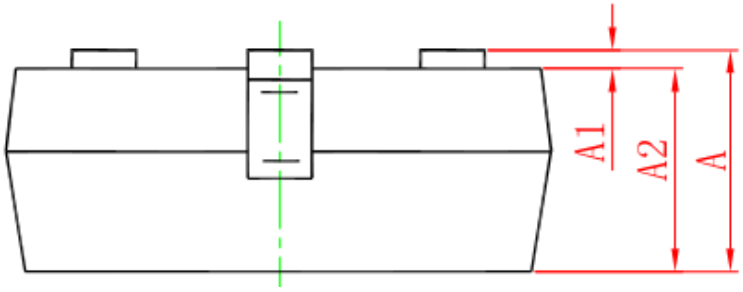
- 1uF
- **PCB**
- PCB
-
- VIN VOUT
- PCB



	Min	Max		Min	Max
	0.041	0.049	A	1.050	1.250
			A1		
			A2		
	0.012	0.020	b	0.300	0.500

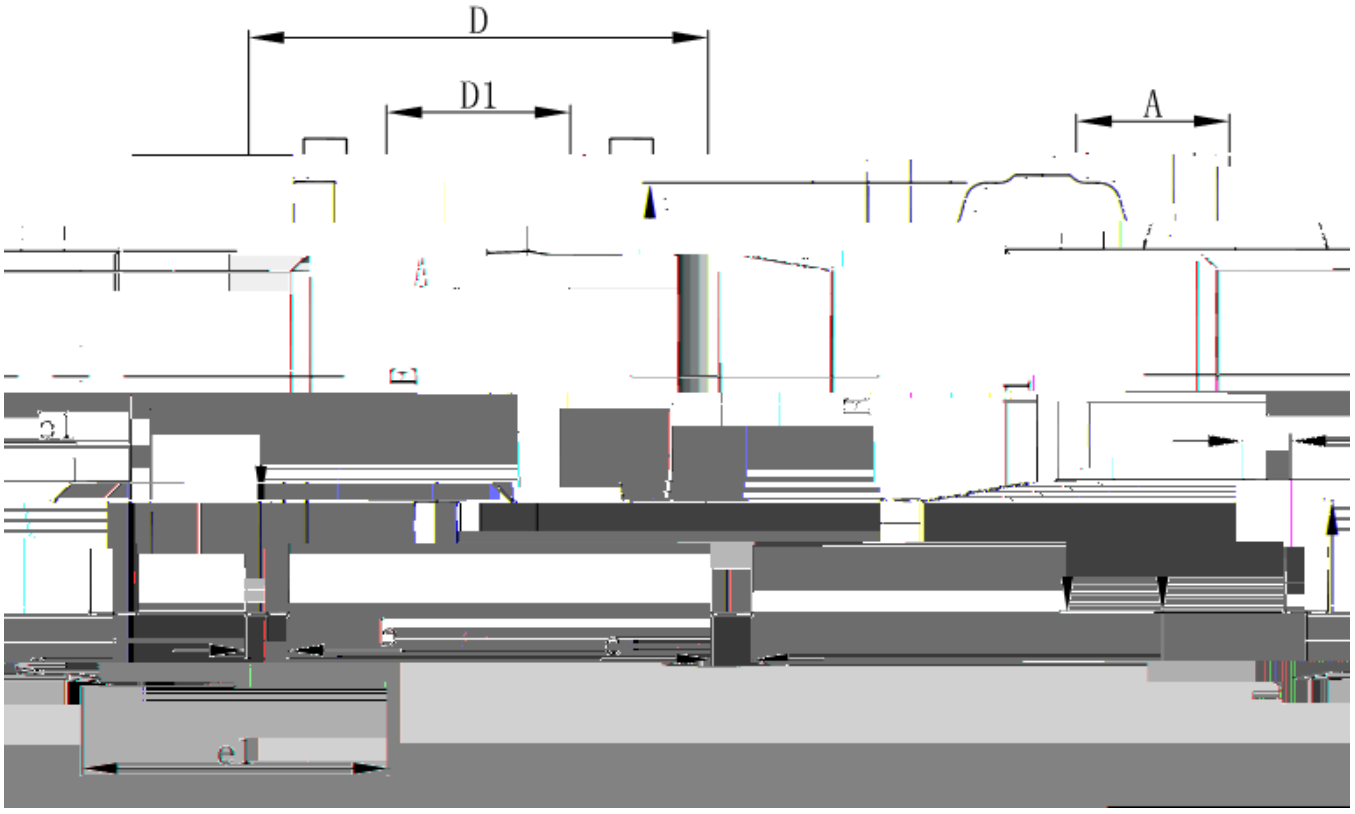
- **SOT-23-3B**





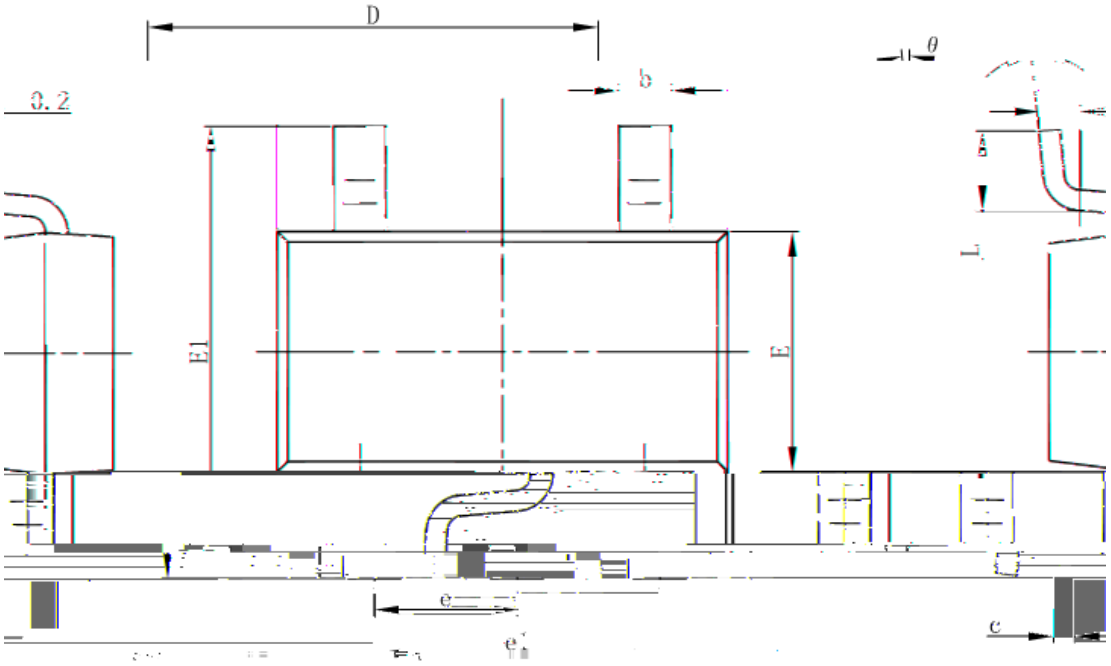
Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	0.900	1.150	0.035	0.045
A1	0.000	0.100	0.000	0.004
A2	0.900	1.050	0.035	0.041
b	0.300	0.500	0.012	0.020
c	0.090	0.150	0.003	0.006
D	2.800	3.000	0.110	0.118
E	1.200	1.447	0.047	0.057
e	1.500 TYP.		0.059 TYP.	
e1	3.000 REF.		0.118 REF.	
L	0.400		0.016	
L1	0.900		0.035	
θ	0°	8°	0°	8°

- SOT89-5L



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min.	Max.	Min.	Max.
A	1.400	1.600	0.055	0.063
	0.360	0.560		
e1	2.900	3.100	0.114	0.122
L	0.900	1.100	0.035	0.043

- **SOT-23-5L**





Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min.	Max.	Min.	Max.
A	1.050	1.250	0.041	0.049
A1	0.000	0.100	0.000	0.004
A2	1.050	1.150	0.041	0.045
b	0.300	0.500	0.012	0.020
c	0.100	0.200	0.004	0.008
c1	0.111	0.119		
D	2.820	3.020		
E	1.500	1.700		
E1	2.650	2.950		
e	0.950(BSC)		0.037(BSC)	
e1	1.800	2.000	0.071	0.079
L	0.300	0.600	0.012	0.024
θ	0°	8°	0°	8°